

Public Information Meeting

**State Project No. 102-295
Median Reconstruction and
Resurfacing of I-95
from
Exit 16 in Norwalk
to
Exit 17 in Westport**

January 7, 2016 - Norwalk

January 13, 2016 – Westport

Connecticut Department of Transportation



Agenda

Introduction

Andy Fesenmeyer – CTDOT

Design Presentation

Jeffrey Keefe – AECOM

Don Costello – AECOM

Rights of Way Process

Michelle Miller – CTDOT

Questions & Comments

Andy Fesenmeyer – CTDOT



Project Purpose

- **Improve Driver Safety**
 - **12 foot wide inside shoulder**
 - **New higher and stronger concrete barrier in median**
- **Repave the Existing Roadway**
- **Bridge Reconstruction**



Project Funding

- **Federal Highway Administration - 90%**
- **State of Connecticut – 10%**
- **Local – Yankee Doodle Trail**

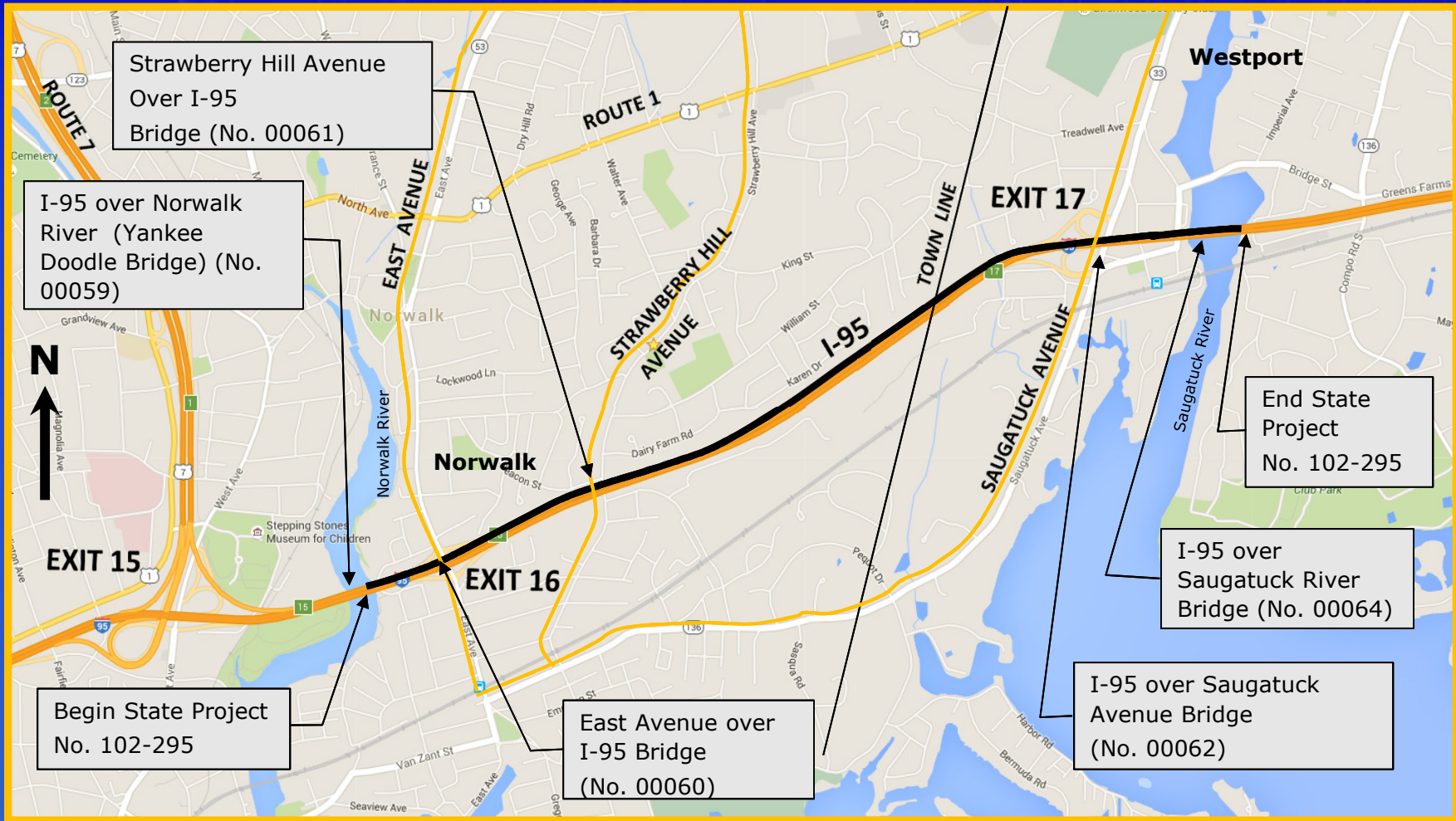
Project Schedule and Cost

- **Current Status - Design is 50% complete**
- **Final Design – Summer 2017**
- **Advertise for Construction Bids – End of 2017**
- **Start Construction – Spring 2018**
- **Finish Construction – Fall 2019**

Total Estimated Construction Cost: \$55 to \$70 Million



Project Location



Project Elements

- **Reconstruct Median**
- **Mill and Overlay existing I-95**
- **Drainage Improvements**
- **Park and Ride Commuter Lot**
- **Segment of the Yankee Doodle Trail**
- **Maintain Traffic During Construction**
- **Utility Relocation**
- **Regulatory Permits**
- **Rights-of-Way**
- **Bridge Reconstruction**



Existing I-95 Roadway



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Proposed I-95 Roadway



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Drainage Improvements, Yankee Doodle Trail and Park & Ride Expansion at Hendricks Avenue



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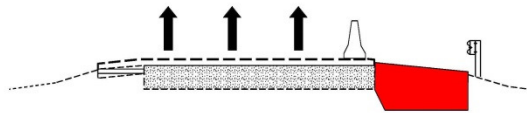
Maintaining Traffic During Construction

Provide 3 Lanes on I-95 except for occasional weekend and off peak traffic periods for:

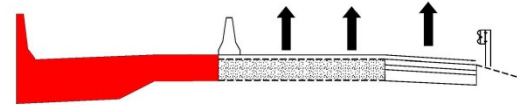
- Mill and pave operations**
- Bridge reconstruction**



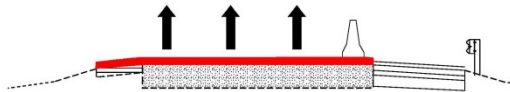
Maintenance of Traffic I-95



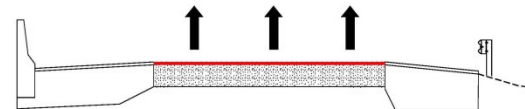
STAGE 1
OUTSIDE SHOULDER RECONSTRUCTION
3 TRAVEL LANES



STAGE 3
MEDIAN RECONSTRUCTION
3 TRAVEL LANES



STAGE 2 – MILL AND OVERLAY EXISTING PAVEMENT DURING OFF PEAK HOURS
3 TRAVEL LANES DURING PEAK HOURS



STAGE 4 – CONSTRUCT 2" OVERLAY
3 TRAVEL LANES DURING PEAK HOURS

STAGE 5
INSTALL FINAL COURSE
3 TRAVEL LANES DURING PEAK HOURS

Utility Relocation

Strawberry Hill Avenue Bridge

Water main

Overhead wires and pole

Gas main

Electric duct

Saugatuck Avenue Bridge

Overhead wires

CTDOT is currently coordinating with the appropriate utility owners.

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Regulatory Permits

CT Dept. of Energy and Environmental Protection

- **Flood Management Certification**
- **Office of L.I. Sound Programs**
- **Inland Wetlands**
- **Stormwater Discharge General**

Army Corps of Engineers

- **Category 1 General Permit**



Noise Barriers

Project criteria - CTDOT Noise Abatement Policy & Federal Register 23 CFR Part 772

Criteria requirements:

- **Highway on a new location**
- **Horizontal or vertical alignment is altered**
- **Additional lanes are proposed**
- **New facilities are proposed such as a toll plaza, weigh station or rest area**

This project does not meet the above criteria



Rights-of-Way

Anticipated Impacts:

- **Slope Easements**
- **Construction Easements**



Bridge Reconstruction **Strawberry Hill Ave. over I-95**

What are we doing?:

- **Replace Bridge Deck and Girders (Superstructure)**
- **Raise the Superstructure to Improve Vertical Under Clearance**
- **Temporary Pedestrian Bridge over I-95**
- **Maintain 2-Lanes on Strawberry Hill Ave.**



Bridge Reconstruction **I-95 over Saugatuck Ave. (Route 33/136)**

What are we doing?

- **Replace Bridge Deck and Girders**
- **Minor Widening**
- **Evaluating:**

Conventional Construction Methods
vs.
Accelerated Construction Methods



Bridge Reconstruction **I-95 over Saugatuck Ave. (Route 33/136)**

Conventional Construction Methods:

- **Eight Construction Stages**
- **Maintains All Lanes – Narrowed for Construction**
- **Duration - Approximately 2 Years**



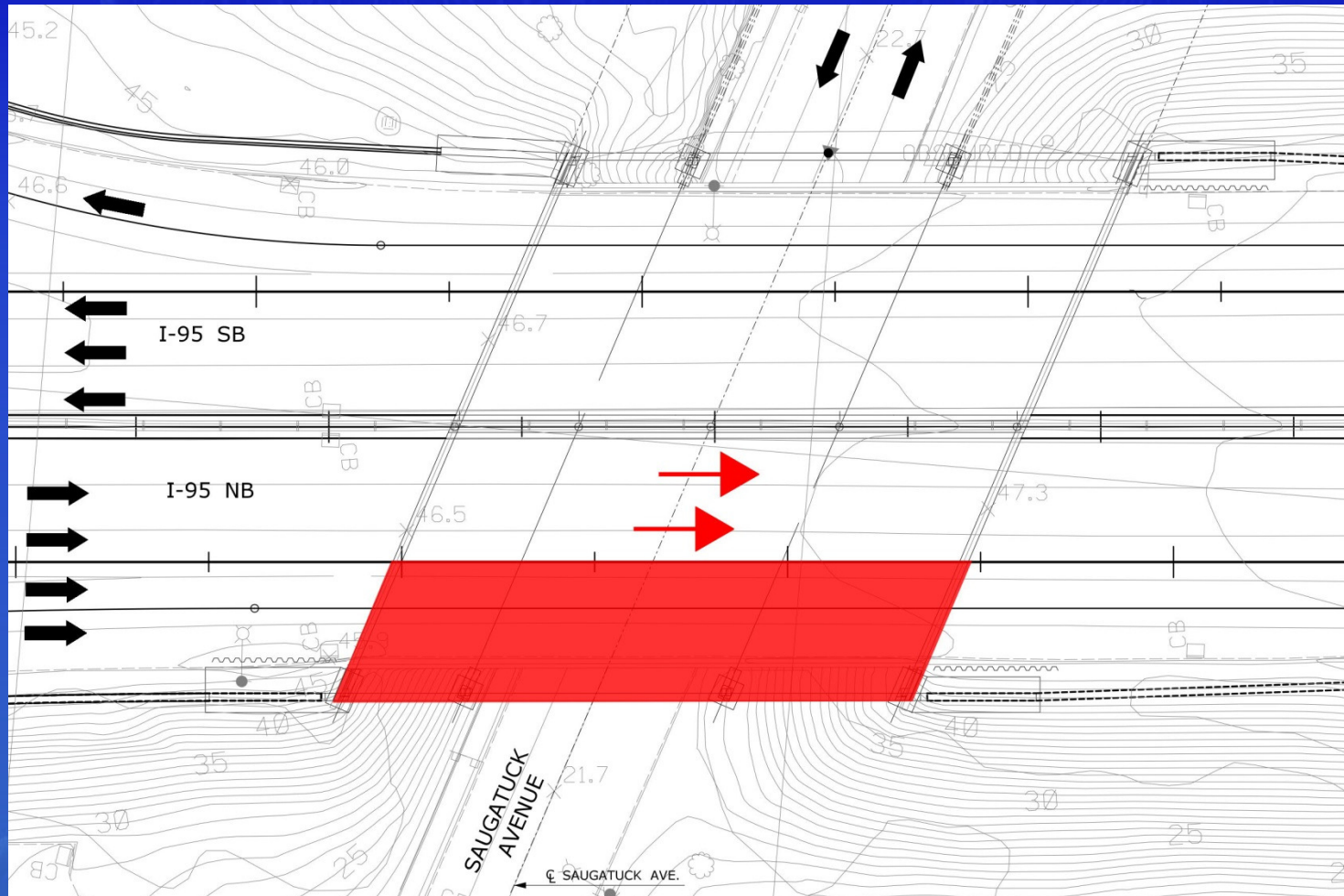
Bridge Reconstruction **I-95 over Saugatuck Ave. (Route 33/136)**

Accelerated Construction Methods:

- **Get In / Get Out / Stay Out**
- **Replace Portion of Structure over a Weekend**
- **Maintain at Least 2 Lanes Each Direction**
- **Four Weekends to Replace Superstructure**
- **Duration – Approximately Six Months**
- **Public Outreach**



Bridge Reconstruction I-95 over Saugatuck Ave. (Route 33/136)

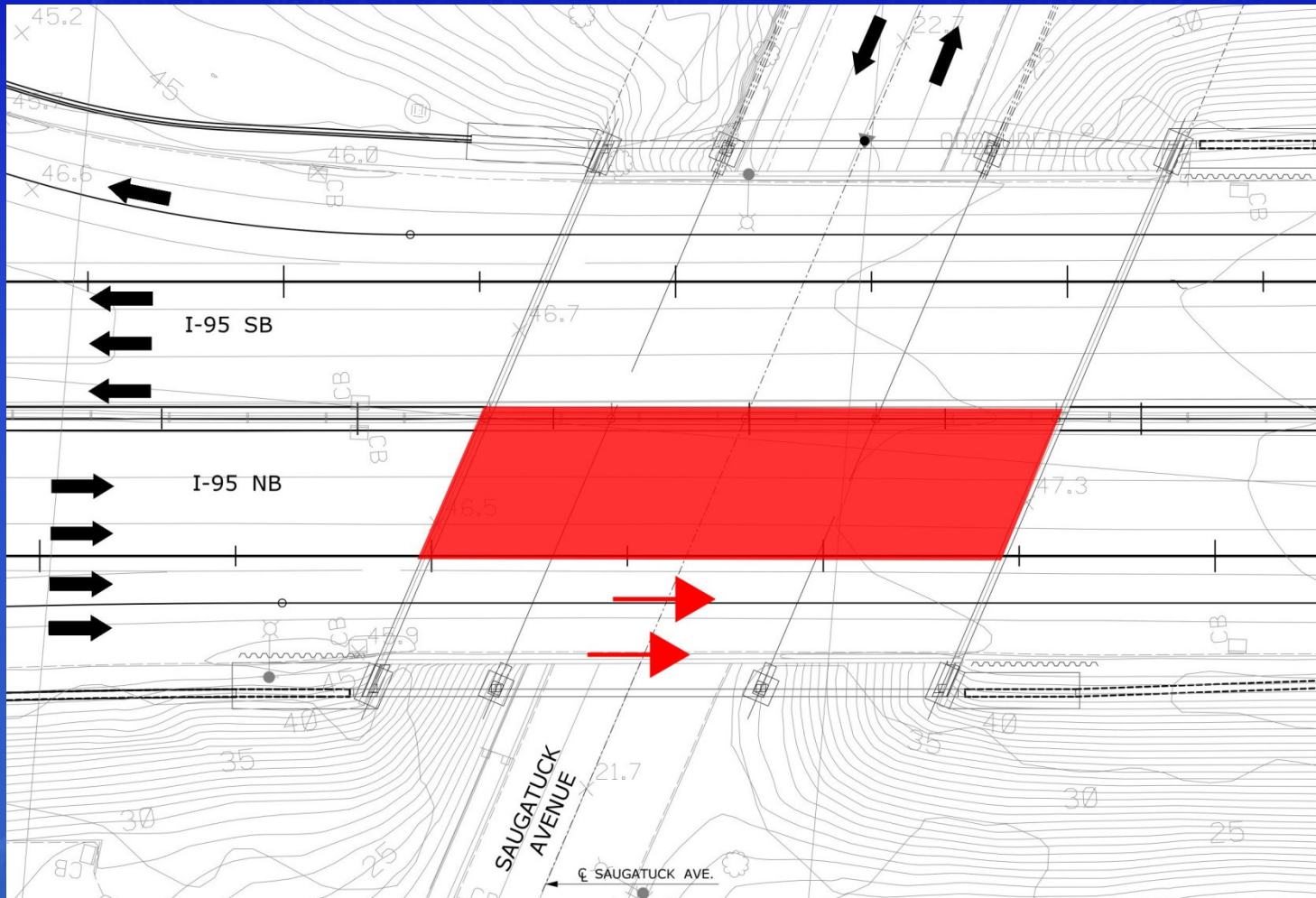


Stage 1

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Bridge Reconstruction I-95 over Saugatuck Ave. (Route 33/136)

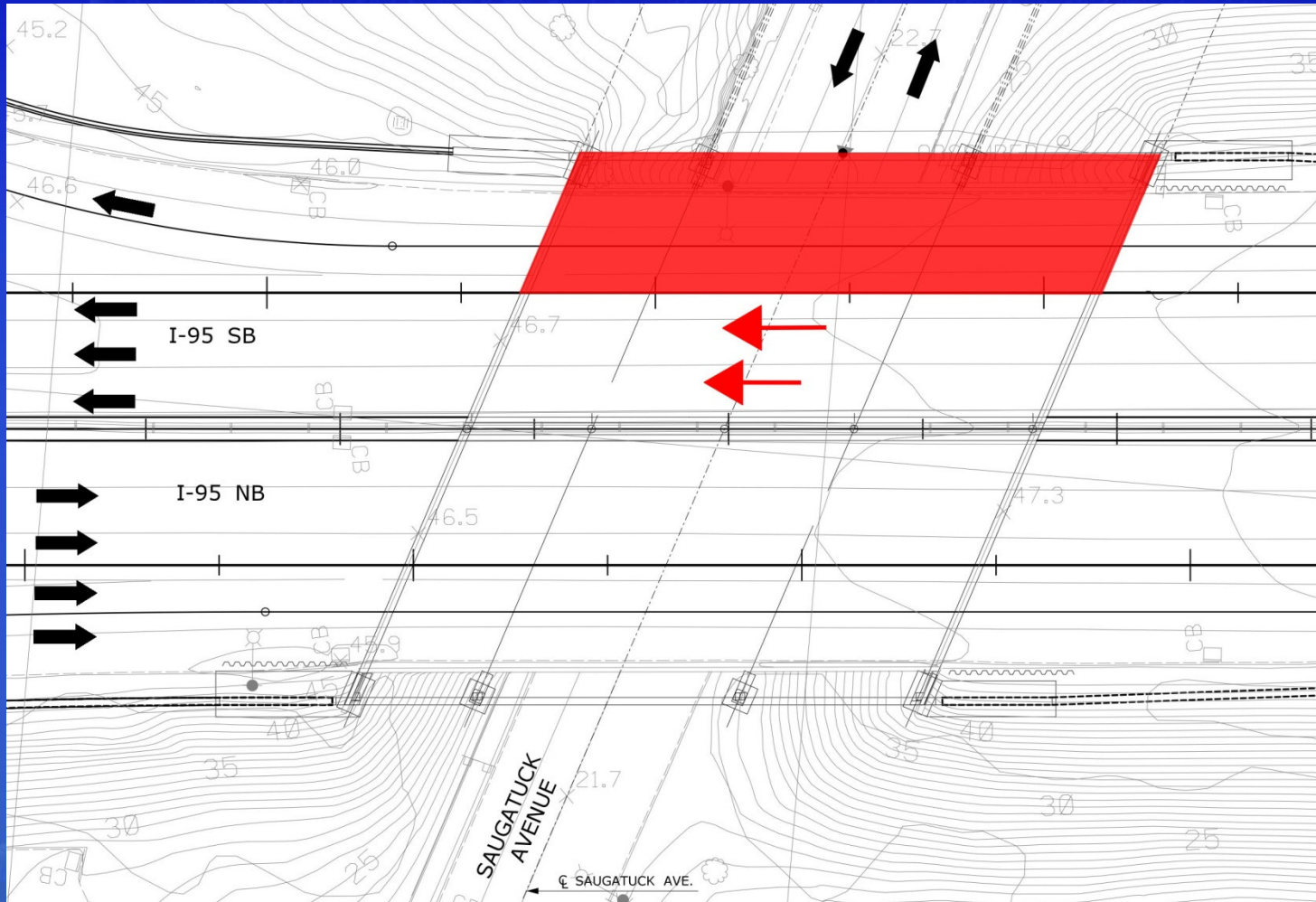


Stage 2

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Bridge Reconstruction I-95 over Saugatuck Ave(Route 33/136).

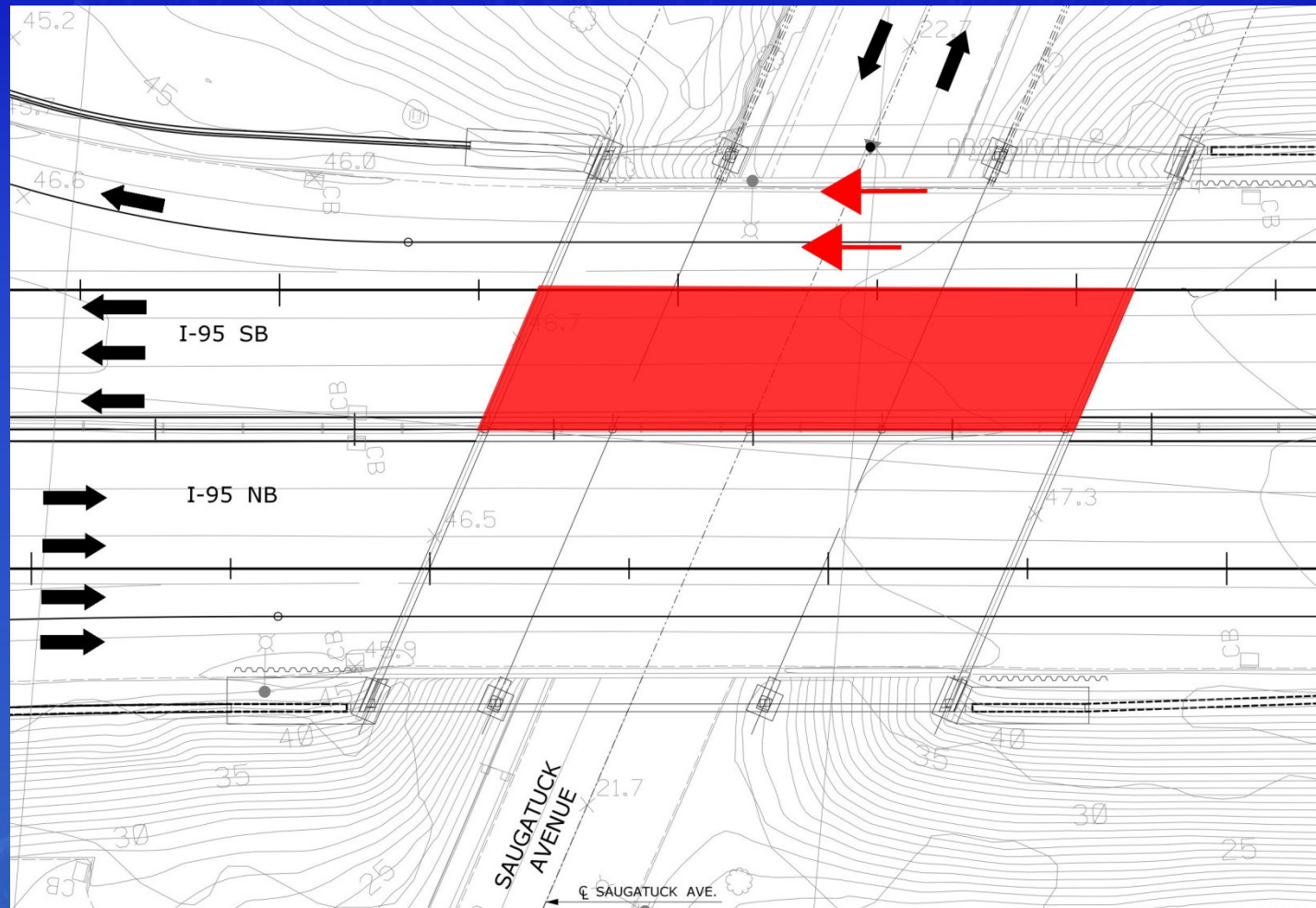


Stage 3

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Bridge Reconstruction I-95 over Saugatuck Ave. (Route 33/136)

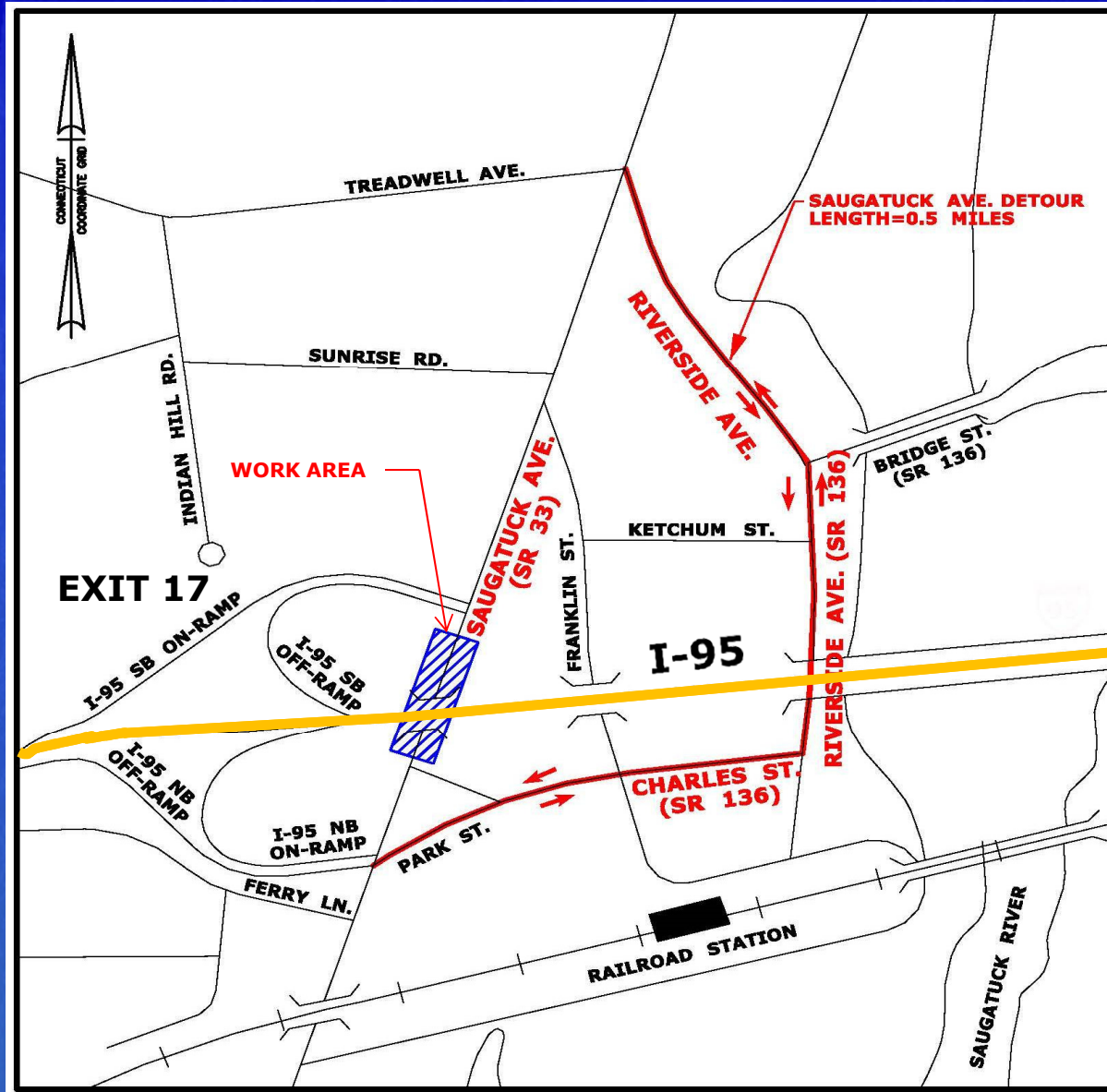


Stage 4

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Detour – Saugatuck Avenue



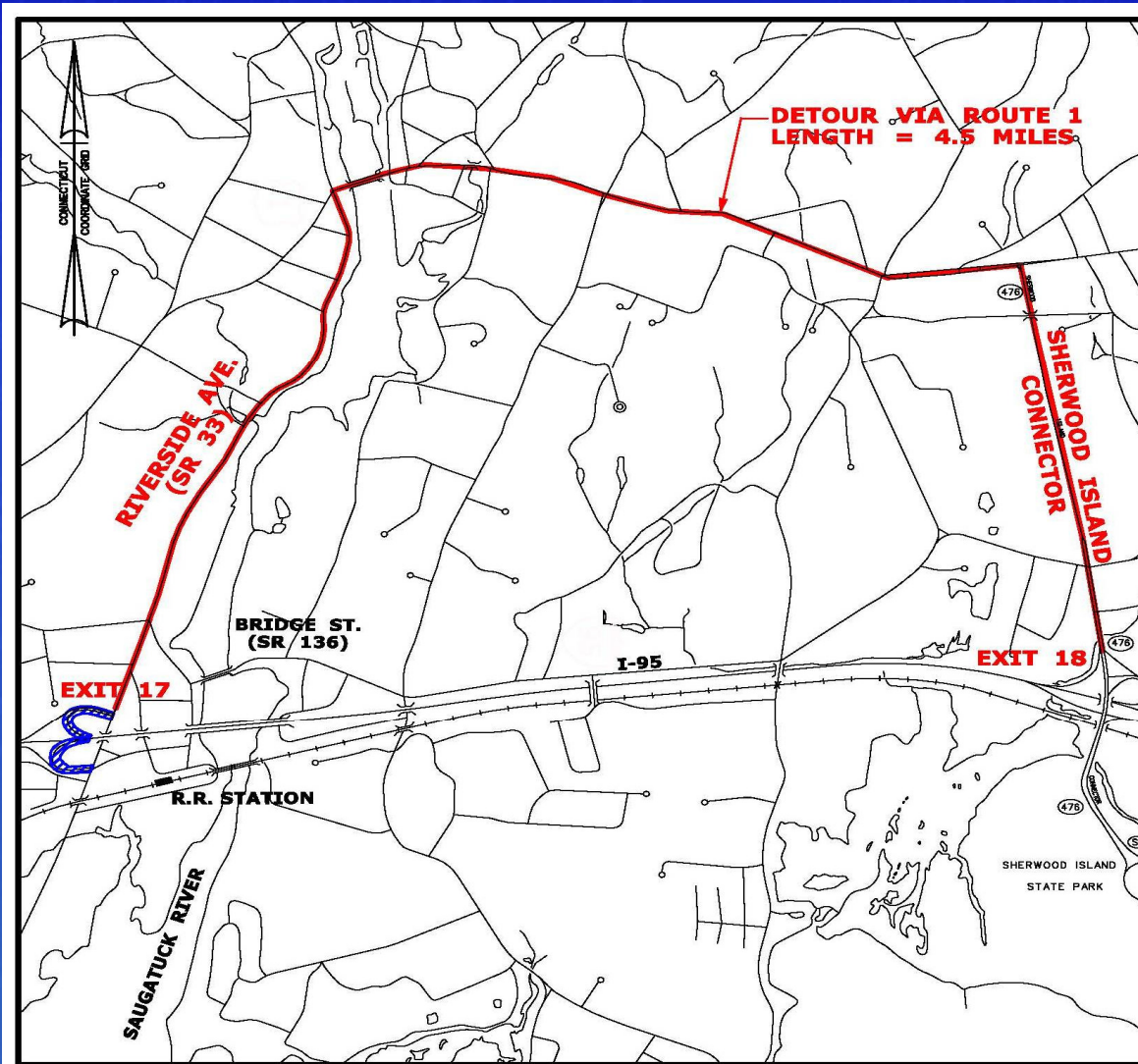
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Exit 17 Ramp Detour

I-95 NB On-Ramp

I-95 SB Off-Ramp



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Bridge Reconstruction **I-95 over Saugatuck River**

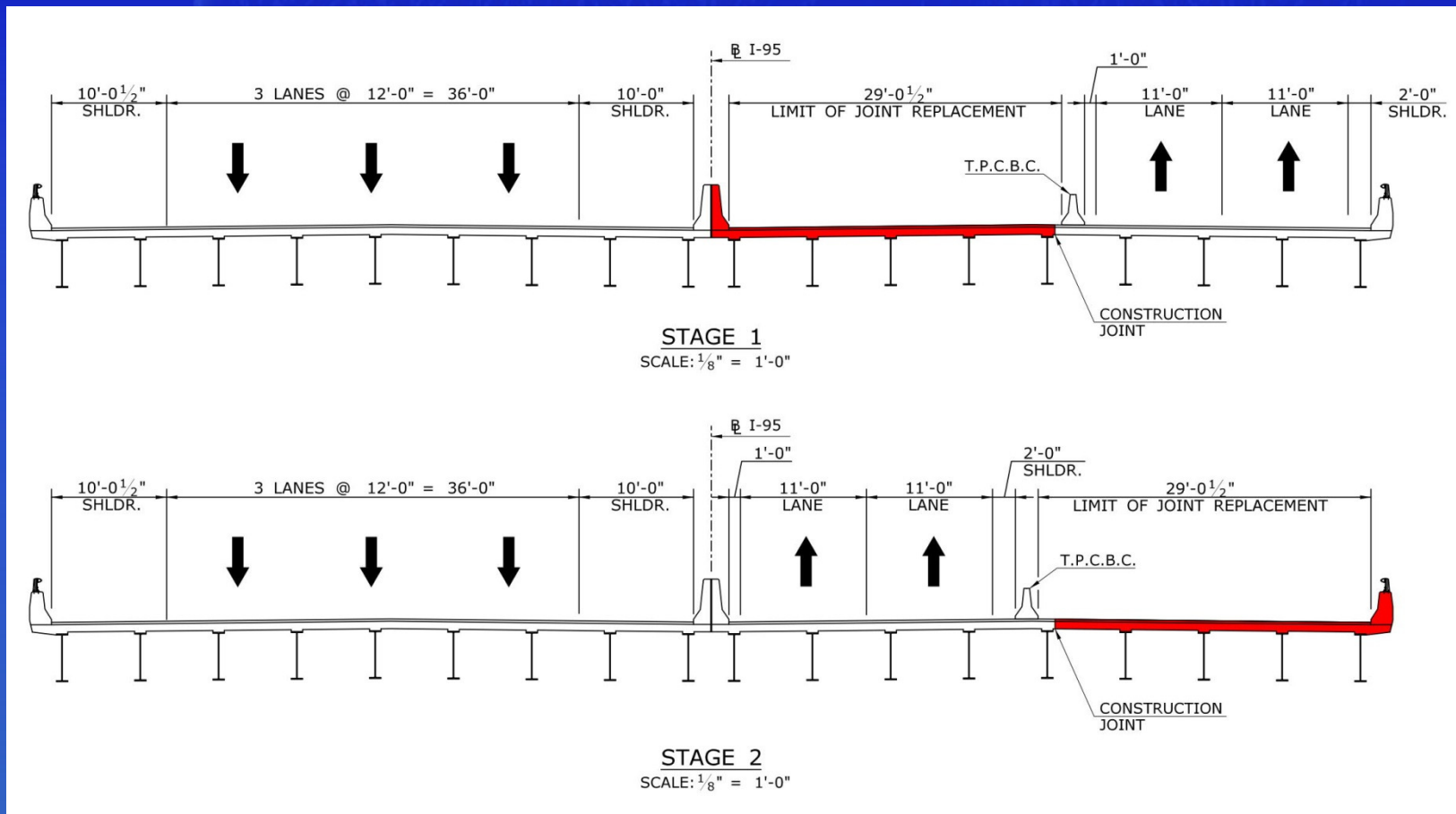
What are we doing?:

- **Expansion Joint Replacement**
- **Evaluating:**

Conventional Construction Methods
VS.
Accelerated Construction Methods



Bridge Reconstruction I-95 over Saugatuck River



Accelerated Construction Staging

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Public Outreach

Public Media

- **Project Website**
- **Press Notices**
- **Detour Signing**
- **Live Camera Feeds**
- **Message Boards**

I-95 Intelligent Transportation System

- **Cameras**
- **Message Boards**
- **Advisory Radio**
- **Travel Alert Systems – CT, NY, NJ, MA, RI**



Department of Transportation
Division of Rights of Way
(ROW)

Michelle Miller
Project Coordinator
2800 Berlin Turnpike
P.O. Box 317546
Newington, CT 06131-7546

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Function

- **Acquire all property/property rights necessary for transportation projects.**



Statutory References

- **State of Connecticut**

C.G.S. Sections 13a-73 & 13a-98e

- **Federal**

Uniform Relocation Assistance and Real Properties Acquisition Act of 1970, as amended.



Types of Property Impacts

- **Total Acquisitions**
- **Partial Acquisitions**
- **Easements**
- **Construction Easements**
- **Rights**

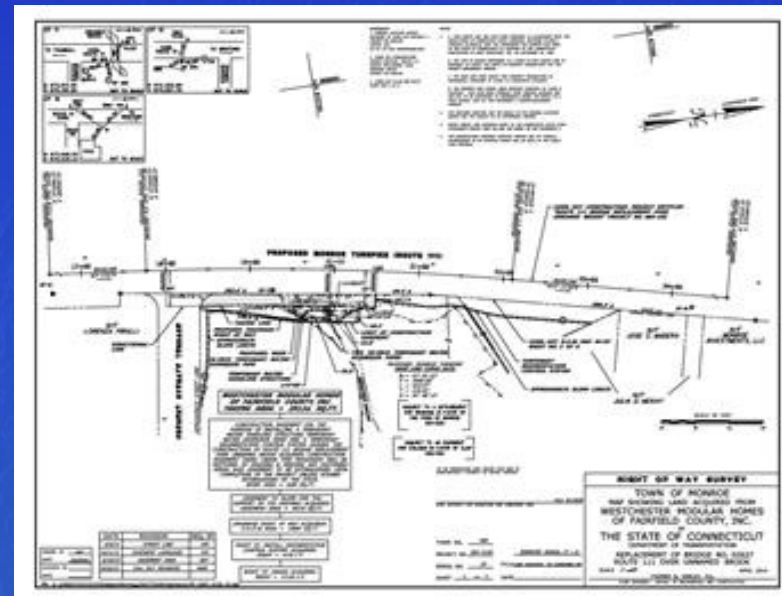


*** Note: Specific impacts are subject to change as the design progresses.**



ROW Acquisition Process

- Letter of Intent to Acquire
- Valuation
- Offer of Just Compensation
- Negotiation
- Acquisition
 - Agreement
 - Eminent Domain/Condemnation
 - » 6 month appeal period



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Timing for Acquisitions

- **All property rights must be acquired by the project advertising date.**
- **Current Advertising Date:
December 2017**



Contact Information:

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Comment Period Ends January 31, 2016

THANK YOU...

Connecticut Department of Transportation

